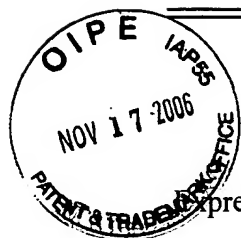


11-20-06

IFW

2155
CCS



CERTIFICATE OF EXPRESS MAILING

Express Mail Mailing Label Number: EV 866635916 US

Date of Deposit: 17 November 2006

Pursuant to 37 C.F.R. § 1.10, I certify that I am personally depositing the following paper(s) or fee(s) with the "Express Mail Post Office to Addressee" service of the United States Postal Service on the above date in a sealed envelope (a) having the above-numbered Express Mail label and sufficient postage affixed, and (b) addressed to:

Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA, 22313-1450

Stamped, self-addressed postcard for USPTO receipt stamp (1 card)
Fee Transmittal Form (PTO/SB/17) (1 sheet)
Credit Card Payment Form (PTO-2038) (1 sheet)
Information Disclosure Statement (4 sheets)
Form PTO-1449 (4 sheets)
12 Non-Patent Literature documents

U.S. PAT. & TM. OFF.

Application Number 10/042,142
Confirmation No.: 5828
Filing Date: 11 January 2002
Document Submission Date: 17 November 2006

Art Unit: 2155
Examiner: Baturay, Alicia
Inventor: Lin, Wei
Docket: 2000-0672 (1014-199)

17 Nov 2006

Date

Eden Brown

Name of Certifier

Eden Brown

Signature of Certifier

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

FEE TRANSMITTAL
For FY 2005

NOV 7 2006

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT (\$)** **180.00****Complete if Known**

Application Number	10/042,142
Filing Date	11 January 2002
First Named Inventor	Lin, Wei
Examiner Name	Baturay, Alicia
Art Unit	2155
Attorney Docket No.	2000-0672 (1014-199)

METHOD OF PAYMENT (check all that apply)
☐ Check ☒ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☒ Deposit Account Deposit Account Number: 50-2504 Deposit Account Name: Michael N. Haynes

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	0
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = 0 x 50 = 0 **Fee Paid (\$)**
 HP = highest number of total claims paid for, if greater than 20
Indep. Claims - 3 or HP = 0 x 200 = 0 **Fee Paid (\$)**
 HP = highest number of independent claims paid for, if greater than 3

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets - 100 = 0 / 50 = 0 (round up to a whole number) x 250 = 0 **Fee Paid (\$)**

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) **Fees Paid (\$)** 0
 Other: Submission of IDS **Fees Paid (\$)** 180

SUBMITTED BY

Signature	<i>Michael N. Haynes</i>	Registration No. (Attorney/Agent)	40,014	Telephone	434-972-9988
Name (Print/Type)	Michael N. Haynes	Date	17 Nov 2006		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

Application # 10/042,142

Attorney Docket # 1014-199 (1014-199)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Lin, Wei
Application # : 10/042,142
Confirmation # : 5828
Filed : 11 January 2002
Application Title : Enhanced Channel Access Mechanisms for an HPNA Network
Art Unit # : 2155
Latest Examiner : Baturay, Alicia

INFORMATION DISCLOSURE STATEMENT (IDS)

Mail Stop Amendment
Commissioner for Patents
United States Patent and Trademark Office (USPTO)
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR 1.56, 1.97, and 1.98, the attention of the USPTO is hereby directed to the attached listing of documents and/or the attached Declaration. For each document listed under "Foreign Patent Documents" or "Non Patent Literature Documents", one copy of that document is attached.

It is respectfully requested that the listed documents:

- (1) be expressly considered during the prosecution of this application;
- (2) be made of record therein; and
- (3) appear among the "References Cited" on any patent to issue therefrom.

Although the information submitted herewith might be "material" to the USPTO's consideration of this application, this submission is not intended to be an admission that such

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information qualifies as “prior art” as to any claimed subject matter. The filing of this Information Disclosure Statement is not to be construed to mean that a search has been made.

The following marked paragraphs are applicable in this IDS:

Timing of this IDS:

- ☐ A. This IDS is being filed per 37 CFR 1.97(b)
- ☐ (1): within 3 months of the U.S. filing date other than a CPA under 1.53(d);
- ☐ (2): within 3 months of the date of entry of the national stage as set forth in 1.491 in an international application;
- ☐ (3): before the mailing date of a first Office Action on the merits; **OR**
- ☐ (4): before the mailing date of a first Office Action associated with a request for continued examination (RCE) under 1.114;

AND, thus, no certification or fee is required.

- ☒ B. This IDS is being filed per 37 CFR 1.97(c), **AFTER** the period specified in 37 CFR 1.97(b) [section A of this IDS], and **BEFORE**:
- (a) the mailing date of any Final Action under 1.113,
- (b) a Notice of Allowance under 1.311, **OR**
- (c) an action that otherwise closes prosecution,

AND, per 37 CFR 1.97(e), I hereby certify that:

- ☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS ; **OR**
- ☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge

after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

OR, per 37 CFR 1.97(c), this IDS is accompanied by:

☒ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

☐ **C.** This IDS is being filed per 37 CFR 1.97(d), **AFTER** the period specified in 37 CFR 1.97(c) [section **B** of this IDS], and **ON** or **BEFORE** the payment of the Issue Fee;

AND, per 37 CFR 1.97(e), I hereby certify that:

☐ (1) each item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application not more than 3 months prior to the filing of this IDS; **OR**

☐ (2) no item of information in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR 1.56(c) more than 3 months prior to the filing of this IDS;

AND, per 37 CFR 1.97(d), this IDS is accompanied by:

☐ (3) payment of the fee under 37 CFR 1.17(p) to ensure consideration of the disclosed information.

Legible Copies of Listed References:

☒ **D.** In addition to the attached listing, accompanying this IDS is a legible copy of each listed:

- (1) foreign patent document;
- (2) pending unpublished U.S. application **OR** that portion of the application that caused it to be listed including any claims directed to that portion; **AND**
- (3) non-patent document or that portion thereof that caused it to be listed;

(4) other information or that portion that caused it to be listed.

- ☐ E. Consistent with 37 CFR 1.98(d), because the IDS submitted in parent U.S. Patent Application No. ____, to which this application claims priority per 35 U.S.C. 120, complies with 37 CFR 1.98(a) to (c), copies of the patent documents, non-patent documents, pending U.S. application, and other information submitted in that parent application do not accompany this IDS.

CONCLUSION

The Office is hereby authorized to charge any additional fees or credit any overpayments under 37 C.F.R. 1.16 or 1.17 to Deposit Account No. 50-2504. The Examiner is invited to contact the undersigned at 434-972-9988 to discuss any matter regarding this application.

Respectfully submitted,

Michael Haynes PLC

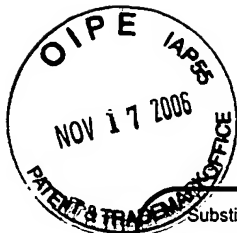


Michael N. Haynes
Registration No. 40,014

Date: 17 November 2006

1341 Huntersfield Close
Keswick, VA 22947
Telephone: 434-972-9988
Facsimile: 815-550-8850

Respectfully submitted,



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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

Application Number	10/042,142
Filing Date	11 January 2002
First Named Inventor	Lin, Wei
Group Art Unit	2155
Examiner Name	Baturay, Alicia
Attorney Docket Number	2000-0672 (1014-199)

PUBLISHED U.S. PATENT DOCUMENTS

Examiner Initials	Application or Patent Number	Name of Applicant or Patentee	Date of Publication
	2002/0015404	Fisher	7 February 2002
	2002/0061012	Thi	23 May 2002
	2002/0131441	Trachewsky	19 September 2002
	2004/0114619	Park	17 June 2004
	5,572,678	Homma	5 November 1996
	6,532,279	Goodman	11 March 2003
	6,563,816	Nodoushani	13 May 2003
	6,731,627	Gupta	4 May 2004
	6,778,549	Keller	17 August 2004
	6,778,646	Sun	17 August 2004
	6,804,222	Lin	12 October 2004
	6,850,981	Ho	1 February 2005
	6,862,270	Ho	1 March 2005
	6,868,072	Lin	15 March 2005
	6,877,043	Mallory	5 April 2005
	6,882,634	Bagchi	19 April 2005
	6,888,844	Mallory	3 May 2005
	6,891,881	Trachewsky	10 May 2005

Examiner
SignatureDate
Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 4

Complete if Known

Application Number	10/042,142
Filing Date	11 January 2002
First Named Inventor	Lin, Wei
Group Art Unit	2155
Examiner Name	Baturay, Alicia
Attorney Docket Number	2000-0672 (1014-199)

PUBLISHED U.S. PATENT DOCUMENTS

Examiner Initials	Application or Patent Number	Name of Applicant or Patentee	Date of Publication
	6,898,204	Trachwesky	24 May 2005
	6,907,066	Nayler	14 June 2005
	6,909,725	Chow	21 June 2005
	6,925,089	Chow	2 August 2005
	6,928,057	Bullman	9 August 2005
	6,940,918	Nayler	6 September 2005
	6,947,438	Chang	20 September 2005
	6,947,480	Beale	20 September 2005
	6,950,397	Ho	27 September 2005
	6,954,800	Mallory	11 October 2005
	6,963,545	Ho	8 November 2005
	6,970,422	Ho	29 November 2005
	6,973,094	Holloway	6 December 2005
	6,975,655	Fischer	13 December 2005
	6,999,442	Ho	14 February 2006
	7,000,031	Fischer	14 February 2006
	7,031,274	Sherman	18 April 2006

Examiner
Signature

Date
Considered

2

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Sheet 3 of 4

Complete if Known

Application Number	10/042,142
Filing Date	11 January 2002
First Named Inventor	Lin, Wei
Group Art Unit	2155
Examiner Name	Baturay, Alicia
Attorney Docket Number	2000-0672 (1014-199)

NON-PATENT DOCUMENTS

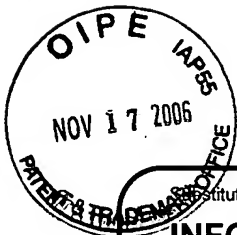
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	AMODEI, AURELIO et al., "Increasing the Throughput of the HomePNA MAC Protocol, IEEE, Proceedings of the 29th Annual IEEE International Conference on Local Computer Networks (LCN '04), 8 Pages", 1 November 2004, 8 page(s), None
	DAVIES, NIGEL and RAVERDY, PIERRE-GUILLAUME, "Position Paper: The Role of Platforms and Operating Systems in Supporting Home Networks", Proceedings of the 9th Workshop on ACM SIGOPS European Workshop: Beyond the PC: New Challenges for the OS, 1 September 2000, 6 page(s), ACM Press, None
	Ho, Jin-Meng, "Centralized Contention and Reservation Request for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/617,439, 14 July 2000, 77 page(s), US
	Ho, Jin-Meng, "Enhanced Channel Access Mechanisms for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,885, 14 July 2000, 76 page(s), US
	Ho, Jin-Meng, "Multipoll for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,884, 14 July 2000, 72 page(s), US
	Ho, Jin-Meng, "RSVP/SBM Based Up-Stream Session Setup, Modification, and Teardown for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/616,878, 14 July 2000, 82 page(s), US
	Ho, Jin-Meng, "Virtual Streams for QOS-Driven Wireless LANS", U.S. Patent Application Number 09/617,083, 14 July 2000, 69 page(s), US
	Lin, "U.S. Patent Application number 10/042,142", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 75 page(s), US
	Lin, "U.S. Patent Application number 10/042,143", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 52 page(s), US
	Lin, "U.S. Patent Application number 10/042,165", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 51 page(s), US
	Lin, "U.S. Patent Application number 10/042,179", Enhanced Channel Access Mechanisms for an HPNA Network, 11 January 2002, 62 page(s), US

Examiner
SignatureDate
Considered

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 4 of 4

Complete if Known

Application Number	10/042,142
Filing Date	11 January 2002
First Named Inventor	Lin, Wei
Group Art Unit	2155
Examiner Name	Baturay, Alicia
Attorney Docket Number	2000-0672 (1014-199)

	Lin, "U.S. Patent Application number 11/256,598", Enhanced Channel Access Mechanisms for an HPNA Network, 21 October 2005, 53 page(s), US
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	Lin, "U.S. Patent Application number 11/398,297", Enhanced Channel Access Mechanisms for an HPNA Network, 5 April 2006, 53 page(s), US
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